

SECTION 12 2113

HORIZONTAL LOUVER BLINDS

LANL MASTER SPECIFICATION

When editing to suit project, author shall add job-specific requirements and delete only those portions that in no way apply to the activity (e.g., a component that does not apply). To seek a variance from applicable requirements, contact the ESM Architectural POC.

When assembling a specification package, include applicable specifications from all Divisions, especially Division 1, General Requirements.

Delete information within "stars" during editing.

Specification developed for ML-3 projects. For ML-1 / ML-2, additional requirements and QA reviews are required.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Horizontal slat louver blinds with operating hardware.

1.2 SYSTEM DESCRIPTION

- A. Horizontal metal slat louver blinds installed at window openings, manual control of raising and lowering by cord, blade angle adjustable by control wand.

1.3 SUBMITTALS

- A. Submit the following in accordance with the requirements of Section 01 3300.
 - 1. Catalog data indicating physical and dimensional characteristics, operating features, and method of attachment.
 - 2. Samples illustrating slat material and colors, and cord and rod types and colors.
 - 3. Manufacturer's installation instructions.

1.4 DELIVERY, STORAGE AND HANDLING

- A. Deliver blinds wrapped and packaged in a manner to prevent damage to components or marring of surfaces.
- B. Store in a clean, dry area, laid flat and blocked off ground to prevent sagging, twisting or warping.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Levolor, Riviera, 1 inch blinds
- B. Bali, Classics Custom, 1 inch blinds
- C. Hunter Douglas, Flexalum Decor, 1 inch blinds

2.2 MATERIALS

- A. Louver slats: One inch wide, 0.0075 inch thick, spring tempered, prefinished aluminum horizontal slats, with radiused corners, burrs removed.
- B. Slat support: Braided polyester in ladder configuration.
- C. Head rail housing: Formed and painted steel box, internally fitted with hardware, pulleys and bearings for blind operation.
- D. Cord: Braided polyester with free end.
- E. Control wand: Extruded hollow plastic, round shape, removable, length of window opening height less 12 inches.
- F. Head support: Steel, painted to match head rail housing.
- G. Accessory hardware: Standard type supplied by blind manufacturer.

PART 3 EXECUTION

3.1 VERIFICATION

- A. Verify that surfaces and openings are ready to receive the work.
- B. Do not commence fabrication until opening dimensions are field verified.
- C. Ensure that structural supports are correctly placed.
- D. Beginning of installation indicates that installer accepts existing conditions.

3.2 INSTALLATION

- A. Install blinds in accordance with manufacturer's installation instructions.
- B. Secure head support bracket with concealed fasteners.

3.3 TOLERANCES

- A. Maximum variation of gap at perimeter of window opening is 1/4 inch.
- B. Maximum offset from level is 1/8 inch.

3.4 ADJUSTING

- A. Adjust blinds for smooth operation.

3.5 CLEANING

- A. Clean work and protect from damage.

END OF SECTION

Do not delete the following reference information:

FOR LANL USE ONLY

This project specification is based on LANL Master Specification 12 2113 Rev. 0, dated January 6, 2006.